IAP10 Rec'd PCT/PTO 19 DEC 2005

PTO-1390 (Rev. 07-2005)
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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

ATTORNEY'S DOCKET NUMBER 11885-00073-US

CONCERNING A SUBMISSION	U.S. 4PO ICATION NIO (IF LANGUAGES OF 7 CFR 1.5)	
INTERNATIONAL APPLICATION NO. PCT/EP2004/006689	INTERNATIONAL FILING DATE 21 June 2004	PRIORITY DATE CLAIMED 27 June 2003
TITLE OF INVENTION: WATER-DILUTAE		<u> </u>
APPLICANT(S) FOR DO/EO/US: Markus S	Schafheutle et al.	
Applicant herewith submits to the United Stat	tes Designated/Elected Office (DO/EO/	/US) the following items and other information:
1. X This is a FIRST submission of items	s concerning a submission under 35 U.	S.C. 371.
2. This is a SECOND or SUBSEQUE!	NT submission of items concerning a si	ubmission under 35 U.S.C. 371.
3. x This is an express request to begin include items (5), (6), (9) and (21) in	national examination procedures (35 L ndicated below.	J.S.C. 371(f)). The submission must
4. x The US has been elected (Article 3	1).	
5. x A copy of the International Application	ion as filed (35 U.S.C. 371 (c)(2))	
a. x is attached hereto (required on	ly if not communicated by the Internation	onal Bureau).
b. has been communicated by the	e International Bureau.	
c. is not required, as the application	on was filed in the United States Recei	ving Office (RO/US).
6. x An English language translation of	the International Application as filed (3	5 U.S.C. 371(c)(2)).
a. x is attached hereto.		
b. has been previously submitted	under 35 U.S.C. 154(d)(4).	7
7. Amendments to the claims of the In	ternational Application under PCT Artic	cle 19 (35 U.S.C. 371(c)(3))
a. are attached hereto (required o	only if not communicated by the Interna	tional Bureau).
b. have been communicated by the	ne International Bureau.	
c. have not been made; however,	the time limit for making such amenda	nents has NOT expired.
d. have not been made and will no	ot be made.	· .
8. An English language translation of	the amendments to the claims under P	CT Article 19 (35 U.S.C. 371(c)(3)).
9. x An oath or declaration of the invent	or(s) (35 U.S.C. 371(c)(4)).	•
10. An English language translation of the Article 36 (35 U.S.C. 371(c)(5)).	the annexes of the International Prelim	inary Examination Report under PCT
Items 11 to 20 below concern docum	nent(s) or information included:	
11. x An Information Disclosure Statem	nent under 37 CFR 1.97 and 1.98.	
12. An assignment document for record	ding. A separate cover sheet in compli	ance with 37 CFR 3.28 and 3.31 is included.
13. x A preliminary amendment.		
14. x An Application Data Sheet under 3	37 CFR 1.76.	
15. A substitute specification.		
16. x A power of attorney and/or change	e of address letter.	
17. A computer-readable form of the s	equence listing in accordance with Po	CT Rule 13 <i>ter</i> .2 and 37 CFR 1.821 – 1.825.
	ternational Application under 35 U.S.0	
19. A second copy of the English lang	uage translation of the international a	pplication under 35 U.S.C. 154(d)(4).

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INTERNATIONAL APPLICATION NO. ATTORNEY'S DOCKET NUMBER PCT/EP2004/006689 11885-00073-US 20. X Other items or information: Form PCT/RO/101 with Inventor Declaration attached, Form PCT/ISA/220 with Form PCT/IPEA/237 attached, Form PCT/IB/301, Form PCT/IB/306, Form PCT/IB/308 (1st & 2nd Notice, 2 sheets total), Postcard, Certificate of Express Mail The following fees have been submitted **CALCULATIONS PTO USEONLY** 21. x 300.00 22. x Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)........ S 200.00 All other situations 23. x Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority\$100 \$ 400.00 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB......\$400 All other situations. TOTAL OF 21, 22 and 23 = \$ 900.00 Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. Sec. 5. **Total Sheets** Extra Sheets Number of each additional 50 or fraction RATE thereof (round up to a whole number) 24 - 100 = x \$250.00 \$ Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration \$ after the date of commencement of the national stage (37 CFR 1.492(h)). NUMBER FILED CLAIMS NUMBER EXTRA RATE Total claims 11 - 20 = x 0.00 Independent claims 1 - 3 = 0.00 x MULTIPLE DEPENDENT CLAIM(S) (if applicable) TOTAL OF ABOVE CALCULATIONS = 900.00 Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2. SUBTOTAL = \$ 900.00 Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest \$ claimed priority date (37 CFR 1.492(i)). 900.00 **TOTAL NATIONAL FEE:** \$ Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied \$ by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property \$ 900.00 **TOTAL FEES ENCLOSED:** Amount to be \$ refunded: Amount to be \$ charged

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a pollection of information unless it displays a valid OMB control number A check in the amount of \$ to cover the above fees is enclosed. 03-2775 in the amount of \$ 900.00 Please charge my Deposit Account No. to cover the above fees. A duplicate copy of this sheet is enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit 03-2775 _ . A duplicate copy of this sheet is enclosed. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card Information should not be included on this form. Provide credit card information and authorization on PTO-2038 NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed an granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: Richard M. Beck NAME CUSTOMER NUMBER: 23416 22,580 REGISTRATION NUMBER

IAP20 NGC'd PCT, PTO 19 DEC 2005

PTO/SB/17 (12-04v2)
Approved for use through 7/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE to a collection of information unless it displays a valid OMB control number.

Chiest and appearant reduction Act of 1999, the person are required to				Complete if Known						
Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). FEE TRANSMITTAL			Application Number							
					Concurrently Herewith					
				t Named Inventor Markus Schafheutle						
For FY 2005			Examiner Name Not Yet Assigned							
Applicant claims small entity status. See 37 CFR 1.27			Art Unit N/A							
TOTAL AMOUNT OF PAYMENT (\$) 900.00			Attorney Docket No. 11885-00073-US							
METHOD OF PAYMENT (check all that apply)										
Check Credit Card Money Order None Other (please identify):										
x Deposit Account Deposit Account Number: 03-2775 Deposit Account Name: Connolly Bove Lodge & Hutz LLP										
For the a	above-identified depo	sit account, the [Director is	s hereby authorize	ed to: (chec	k all that apply)				
x Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee										
Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17										
FEE CALCUL	ATION									
1. BASIC FILING	S, SEARCH, AND E	XAMINATION FE	ES							
	FI	LING FEES	SE	ARCH FEES	EXAMIN	ATION FEES				
Application Ty	pe Fee (\$	Small Entity) Fee (\$)	Fee (\$	Small Entity) Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fees	Paid (\$)		
Utility	300	150	500	250	200	100		0.00		
Design	200	100	100	50	130	65				
Plant	200	100	300	150	160	80				
Reissue	300	150	500	250	600	300				
Provisional	200	100	0	0	0	0				
2. EXCESS CLA		100	·	v	v	Ü		Small Entity		
Fee Description Fee (\$)										
Each claim over 20 (including Reissues) 50 25								25		
Each independent claim over 3 (including Reissues)						200	100			
Multiple depend	ent claims			•			360	180		
Total Claims	Extra Claims	Fee (\$)	Fee I	Pald (\$)	Mu	Multiple Dependent Claims				
11	20 =	· = _			Fee (\$) Fee Paid (\$)		<u>(3</u>			
Indep. Claims	Extra Claims	Fee (\$)	Fee	Paid (\$)						
	·	`								
3. APPLICATION SIZE FEE										
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer										
listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).										
Total Sheets				dditional 50 or frac	tion thereof	Fee (\$)	Fee	Paid (\$)		
4. OTHER FEE(S) Fees Paid (\$)										
Non-English Specification, \$130 fee (no small entity discount)										
Other (e.g., late filing surcharge): 1631 Basic National Stage fee							300.00			
1633 National Stage Examination Fee - all other 1642 National Stage Search Fee - search report							200.00 400.00			
SUBMITTED BY Registration No.										
Signature	Krohan	2 m.B	de	Registration No. (Attorney/Agent)	22,580	Telephone	(302) 65	8-9141		
Name (Print/Type)	Richard M. Beck					Date	****			

19 DEC 2005

Application No. (if known): Not Yet Assigned

Attorney Docket No.: 11885-00073-US

Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EV686922218US in an envelope addressed to:

> MS PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Amy L. Hamm

Typed or printed name of person signing Certificate

Registration Number, if applicable

Telephone Number

Note:

Each paper must have its own certificate of mailing, or this certificate must identify

each submitted paper.

Transmittal Letter to the United States Designated-Elected Office

Fee Transmittal

Application Data Sheet

Copy of the International application with search report attached

Form PCT/RO/101 with Inventor Declaration attached Form PCT/ISA/220 with Form PCT/IPEA/237 attached

Form PCT/IB/301 and Form PCT/IB/306

Form PCT/IB/308 (1st & 2nd Notice, 2 sheets total)

English language translation of the International application Executed Combined Declaration and Power of Attorney Information Disclosure Statement, SB08, with references

Preliminary Amendment

Postcard

Authorization to charge \$900.00 to deposit account 03-2775